

... OpenVMS. Free evaluation kits are available via anonymous FTP at:
http://www.lsoft.com/evalkits. **stm** ListPlex(R) e-mail list hosting service
ListPlex provides customers with access to L-Soft...

4/3,K/4 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

07905408 (USE FORMAT 7 OR 9 FOR FULLTEXT)
New chip fuels growth at STM
WESTERN DAILY PRESS , WDP Late City ed, p6
October 25, 1999
JOURNAL CODE: FWDP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 149

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... our need for an increasing number of experts at the Bristol site."
Earlier this month **STM** recruited 60 new staff and is bring forward
its plans to take on another 100 people because of a growing **workload** .

4/3,K/5 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01236591 ORDER NO: AAD92-24095
**THE SENSITIVITY OF OBJECTIVE AND SUBJECTIVE MEASURES TO CONCURRENT VERBAL
PROTOCOL IN HUMAN-COMPUTER INTERACTION STUDIES (CONCURRENT VERBALIZATION,
OBJECTIVE MEASURES)**
Author: WRIGHT, RICHARD BERNARD
Degree: PH.D.
Year: 1992
Corporate Source/Institution: NORTH CAROLINA STATE UNIVERSITY AT RALEIGH
(0155)
Source: VOLUME 53/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2090. 208 PAGES

...1984) theory of verbal protocol, whenever articulated information
is directly available to the subject in **STM** , concurrent verbalization
would not change the cognitive process. However, if subjects were asked to
provide specific information not in **STM** (e.g., reasons for previous
actions), then changes in the cognitive process are more probable...

...IBM PS/2 computer. Task time, error frequency, and responses to
subjective measures of mental **workload** and ease-of-use served as the
dependent variables. Subjects in the verbalization condition were predicted
to commit fewer errors, consume more task time, produce higher measures of
subjective mental **workload** , and lower measures of ease-of-use than
subjects in the silent condition. The effect...

4/3,K/6 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01175411 ORDER NO: AAD91-28688
PRESENTING LATERALIZED MEMORY LOADS WITH VISUAL HEMIFIELD TASKS (MEMORY)
Author: BERRYMAN, MAURICE LYNN
Degree: PH.D.
Year: 1991
Corporate Source/Institution: NORTH TEXAS STATE UNIVERSITY (0158)
Source: VOLUME 52/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2328. 115 PAGES

...variability measure, the intraindividual standard deviations of
RTs, interhemispheric correlations showed a linear increase as **STM** loads

File 344:Chinese Patents Abs Jul 1985-2002/Jul
 (c) 2002 European Patent Office
 File 347:JAPIO Oct 1976-2002/Mar(Updated 020702)
 (c) 2002 JPO & JAPIO
 File 350:Derwent WPIX 1963-2002/UD,UM &UP=200248
 (c) 2002 Thomson Derwent
 File 348:EUROPEAN PATENTS 1978-2002/Jul W03
 (c) 2002 European Patent Office
 File 349:PCT FULLTEXT 1983-2002/UB=20020725,UT=20020718
 (c) 2002 WIPO/Univentio
 File 256:SoftBase:Reviews,Companies&Prods. 82-2002/Jul
 (c)2002 Info.Sources Inc
 File 9:Business & Industry(R) Jul/1994-2002/Jul 29
 (c) 2002 Resp. DB Svcs.
 File 15:ABI/Inform(R) 1971-2002/Jul 26
 (c) 2002 ProQuest Info&Learning
 File 20:Dialog Global Reporter 1997-2002/Jul 30
 (c) 2002 The Dialog Corp.
 File 95:TEME-Technology & Management 1989-2002/Jul W4
 (c) 2002 FIZ TECHNIK
 File 476:Financial Times Fulltext 1982-2002/Jul 30
 (c) 2002 Financial Times Ltd
 File 610:Business Wire 1999-2002/Jul 30
 (c) 2002 Business Wire.
 File 613:PR Newswire 1999-2002/Jul 30
 (c) 2002 PR Newswire Association Inc
 File 624:McGraw-Hill Publications 1985-2002/Jul 29
 (c) 2002 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2002/Jul 28
 (c) 2002 San Jose Mercury News
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 2:INSPEC 1969-2002/Jul W4
 (c) 2002 Institution of Electrical Engineers
 File 35:Dissertation Abs Online 1861-2002/Jun
 (c) 2002 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2002/Jul W4
 (c) 2002 BLDSC all rts. reserv.
 File 77:Conference Papers Index 1973-2002/Jul
 (c) 2002 Cambridge Sci Abs
 File 99:Wilson Appl. Sci & Tech Abs 1983-2002/Jun
 (c) 2002 The HW Wilson Co.
 File 233:Internet & Personal Comp. Abs. 1981-2002/Aug
 (c) 2002 Info. Today Inc.
 File 583:Gale Group Globalbase(TM) 1986-2002/Jul 30
 (c) 2002 The Gale Group
 File 474:New York Times Abs 1969-2002/Jul 29
 (c) 2002 The New York Times
 File 475:Wall Street Journal Abs 1973-2002/Jul 29
 (c) 2002 The New York Times
 File 16:Gale Group PROMT(R) 1990-2002/Jul 30
 (c) 2002 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2002/Jul 30
 (c)2002 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2002/Jul 30
 (c) 2002 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2002/Jul 30
 (c) 2002 The Gale Group
 File 636:Gale Group Newsletter DB(TM) 1987-2002/Jul 30
 (c) 2002 The Gale Group
 ?ds

Set	Items	Description
S1	23	(WORKLOAD? OR WORK()LOAD? OR WFMS) (S) (PROCESS()MODEL?) (S) (-

TRIGGER? OR EXECUTE?) NOT PY=2000
S2 46187 TRIGGER()MODEL? OR STM
S3 8 S2(S) (WORKLOAD? OR WORK()LOAD?)
S4 8 S3 NOT S1

1/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

07205499 **Image available**
ARCHIVE OF WORKFLOW MANAGEMENT SYSTEM

PUB. NO.: 2002-073929 [JP 2002073929 A]
PUBLISHED: March 12, 2002 (20020312)
INVENTOR(s): LEYMANN FRANK PROF DR
ROLLER DIETER
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.: 2001-165045 [JP 20011165045]
FILED: May 31, 2001 (20010531)
PRIORITY: 00 00111784 [EP 2000111784], EP (European Patent Office),
June 03, 2000 (20000603)

ABSTRACT

... BE SOLVED: To provide a method of optimizing the performance of a workflow management system (**WFMS**).

SOLUTION: The method can be **executed** by at least one computer system using the **WFMS** , with the **WFMS** accessing a database including at least one **process model** and instance generation (process instance) of the **process model** . The method proposes the transfer of an object of the database to an archive database...

... a process instance, which is preferably selected from all of the instances of a certain **process model** according to a certain characteristic value of the **process model** .

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1/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014073013 **Image available**
WPI Acc No: 2001-557226/200162
XRPX Acc No: N01-414104

Computerized workload management in distributed and heterogeneous processing environment, involves executing particular activity based on predetermined specification and Boolean predicate

Patent Assignee: LEYMANN F (LEYM-I); ROLLER D (ROLL-I)

Inventor: LEYMANN F; ROLLER D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010021913	A1	20010913	US 2001752960	A	20010102	200162 B

Priority Applications (No Type Date): EP 99126200 A 19991230

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010021913	A1		11	G06F-017/60	

Abstract (Basic):

... priority execution specifications and Boolean predicts corresponding to each individual activity, the activities can be **executed** dynamically with different priority levels corresponding to changes occurring during execution of an activity. Thus the **workload** can be management efficiently in response to the priority specifications when executing the **process model** at run time...

1/3,K/3 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00961054

Container materialization/dematerialization for reduced dataload and improved data-coherency in workflow-management systems

Datenbehälter-Materialisierung und Dematerialisierung zum Reduzieren der Datenlast und Verbessern der Datenkonsistenz in Arbeitsfluss-Verwaltungssystemen

Materialisation/dematerialisation de conteneurs de donnees pour reduire la charge de donnees et ameliorer la coherence des donnees dans des systemes de gestion de flux de travail

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (Applicant designated States: all)

INVENTOR:

Leymann, Frank, Dr., Hasenackerweg 19, 71134 Aidlingen, (DE)

Roller, Dieter, Hermann-Lons-Weg 5, 71101 Schonaich, (DE)

LEGAL REPRESENTATIVE:

Duscher, Reinhard, Dr. (94081), IBM Deutschland GmbH, Intellectual Property, Pascalstrasse 100, 70548 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 872805 A2 981021 (Basic)

EP 872805 A3 010822

APPLICATION (CC, No, Date): EP 98102784 980218;

PRIORITY (CC, No, Date): EP 97106125 970415

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 182

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9843	484
SPEC A	(English)	9843	7471
Total word count - document A			7955
Total word count - document B			0
Total word count - documents A + B			7955

...SPECIFICATION are associated with condition parameters. The truth value of a condition parameter indicates to the **WFMS** whether to follow said connector. The current invention teaches for such a **WFMS** parameter determination means encompassing at least one parameter determination program. The parameter determination program is **executed** to retrieve said conditions parameter's contents from arbitrary storage areas and/or to manipulate said condition parameter's contents before said **WFMS** is evaluating said condition parameter's truth value.

Such an approach offers analogous advantages as...and the command string passed to the program.

Before process instances can be created, the **process model** must be translated to ensure the correctness and completeness of the **process model**. The translated version of the model is used as a template when a process instance is created. This allows to make changes to the **process model** without affecting executing process instances. A process instance is started either via the graphical interface...

...work list of the selected people. If a user selects the activity, the activity is **executed** and removed from the work list of any other user to whom the activity has been posted. After an activity has **executed**, its exit condition is evaluated. If not met, the activity is rescheduled for execution, otherwise...the server. This allows for forward recovery in the case of crashes.

Application Integration in **WFMS** According Prior Art

Figure 1 is a diagram reflecting the usage of input and/or...

...CLAIMS connector being associated with at least one condition-parameter,

its truth value indicating to said **WFMS** whether to follow said connector, said computer system being further characterized by

parameter-determination-means encompassing at least one parameter-determination-program said parameter-determination-program being **executed** to retrieve said conditions-parameter's contents from arbitrary storage areas and/or to manipulate said condition-parameter's contents before said **WFMS** is evaluating said condition-parameter's truth value.

1/3,K/4 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00939666

Events as activities in process models of workflow management systems
Ereignisse als Aktivitäten in Modellen von Arbeitsflussverwaltungssystemen
Evenements comme activités dans des modeles de systemes de gestion de flux de travail

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (Applicant designated States: all)

INVENTOR:

Leymann, Frank Dr., Hasenackerweg 19, 71034 Aidlingen, (DE)
Roller, Dieter, Hermann-Lons-Weg 5, 71101 Schonaich, (DE)

LEGAL REPRESENTATIVE:

Duscher, Reinhard, Dr. (94081), IBM Deutschland GmbH, Intellectual Property, Pascalstrasse 100, 70548 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 854431 A2 980722 (Basic)
EP 854431 A3 010307

APPLICATION (CC, No, Date): EP 97120539 971124;

PRIORITY (CC, No, Date): EP 97100779 970120

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 297

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9830	741
SPEC A	(English)	9830	8607
Total word count - document A			9348
Total word count - document B			0
Total word count - documents A + B			9348

...ABSTRACT A2

The present invention relates to the area of workflow management systems (WFMS). WFMS **execute** a multitude of **process models** consisting of a network of potentially distributed activities. The current invention is dedicated to the implementation of events within **WFMS**. The current invention teaches to implement events like any other process activity.

Thus events are implemented as event-activities, a special type of an activity within said **WFMS**. Such an event-activity can manage an event occurring internal or external to the **WFMS**.

This approach allows to make all features available to common activities also accessible to event...

...which optionally may be associated with a logical predicate as outgoing transition condition, allows the **WFMS** to automatically activate a target activity if said event activity terminated after the event has...

...which optionally may be associated with a logical predicate as incoming transition condition, allows a **WFMS** to automatically activate an event activity if the process activity being the source of said...

...transition-condition evaluates to true.

This invention also teaches to extend the navigator of a **WFMS** by an event management system which inter-operates with the navigator to deliver above mentioned...

...SPECIFICATION is solved by claim 1. **WFMS**, encompassing one or more computers, execute a multitude of **process models** consisting of a network of potentially distributed activities. For each activity information is defined within the **WFMS** which available programs or processes do **execute** that activity. The current invention teaches to realize an event as an event activity encompassed by said **process model** said event activity being implemented as a special type of activity of said **WFMS** and said event activity managing an event which may occur internal or external to the **WFMS**.

The technique proposed by the current invention achieves a new level of integration between **WFMS**...

1/3,K/5 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00910153

Ensuring atomicity for a collection of transactional workitems in a workflow-management-system

Absicherung der Unteilbarkeit für eine Ansammlung von transaktionellen Arbeitsschritten in einem Arbeitsflussverwaltungssystem

Assurer l'indivisibilité d'une collection de pas de travail dans un système de gestion de flux de travail

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;GB)

INVENTOR:

Leymann, Frank, Dr., Hasenackerweg 19, 71134 Aidlingen 3, (DE)

Roller, Dieter, Hermann-Lons-Weg 5, 71101 Schonaich, (DE)

LEGAL REPRESENTATIVE:

Duscher, Reinhard, Dr. (94081), IBM Deutschland GmbH, Intellectual Property, Pascalstrasse 100, 70548 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 831398 A1 980325 (Basic)

APPLICATION (CC, No, Date): EP 97110892 970702;

PRIORITY (CC, No, Date): EP 96112430 960801

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: G06F-009/46

ABSTRACT WORD COUNT: 156

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	9813	713
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SPEC A	(English)	9813	9794
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Total word count - document A	10507
-------------------------------	-------

Total word count - document B	0
-------------------------------	---

Total word count - documents A + B	10507
------------------------------------	-------

...ABSTRACT present invention relates to the area of computerized transaction execution with a workflow management systems (**WFMS**). The **WFMS** executes a **process model** consisting of a network of potentially distributed activities including transactional workitems. The invention teaches a...

...SPECIFICATION system.

A **WFMS** is an ideal candidate for executing the suggested method as the whole **process model** information is available to this control

instance. One could go even a step further and extend existing TP systems to **executed** the methodology. It is also possible to merge **WFMS** and TP systems to a new type of TP system also defining atomic spheres.

The...

1/3,K/6 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00814140

**A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK
PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

LEONG Cheah Wee, 16 Jalan BK4/6E, Bandar Kinrara, Puchong, 58200,
Selangor, MY,

NG William, 101 Whampoa Drive #15-176, Singapore, SG,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200146846 A2 20010628 (WO 0146846)

Application: WO 2000US35429 20001222 (PCT/WO US0035429)

Priority Application: US 99470030 19991222; US 99470041 19991222; US
99470044 19991222

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 106212

Fulltext Availability:

Detailed Description

Detailed Description

... submission. Numerals 1 -8 set forth the order of the process.

Figure 18 illustrates a **process** for a payment transaction during a trade. In operation 1800, trade documents are received from...users have a notoriously short concentration span.

This requirement for more attractive user interfaces has **triggered** the evolution of media-rich applications, the development of which requires new tools and processes...repository should manage the following entities.

* Test conditions

0 Test cycles

System Investigation Requests (SIRs), **triggered** by a deviation of actual results from those expected

Test data

Requirements

Within the repository...Reinventing Testing Project (RTP).

A repeatable test model consists of tests that can be easily **executed** by staff who have little or no experience of the application being tested. A repeatable s ability to **execute** a repeatable test model. The decision to automate the test execution only affects whether the...

...is a waste of resources, as the test tool will not be able to re-
execute the tests automatically or perform full regression tests with
little effort. Little or no benefits...

1/3,K/7 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784184 **Image available**

A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION
SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT
A CONFIGURATIONS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, P.O. Box 52037,
Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200117194 A2-A3 20010308 (WO 0117194)

Application: WO 2000US24114 20000831 (PCT/WO US0024114)

Priority Application: US 99386430 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149954

Fulltext Availability:

Claims

Claim

... access to the workflow queues which are used to schedule work. In
order to perform **workload** analysis or to create "to do lists" for
users, an application may query these queues...logic is stored and where
the business logic is located when the application is being **executed** .
There are many ways to distribute business logic: (1) business logic can
be stored on the server(s) and **executed** on the server(s); (2) business
logic can be stored on the server(s) and **executed** on the client; (3)
business logic can be stored and **executed** on the client; (4) some
business logic can be stored and **executed** on the server(s) and some
business logic can be stored and **executed** on the client; etc. Having
the business logic stored on the server enables developers to...

...to client machines when changes to the business logic occur. If all the
business logic **executes** on the server, then the application on the
client will make requests to the server whenever it needs to **execute** a
business function. This could increase network traffic, which may
degrade application performance. On the other hand, having the business
logic **execute** on the client, may require longer load times when the
application is initially launched. However...

...reliance on central data across many users.

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If the business logic is stored and **executed** on the client, software
distribution options must be considered. Usually the most expensive

option is...

...logic is stored and where the business logic is located when the application is being **executed**. There are many ways to distribute business logic: (1) business logic can be stored on the server(s) and **executed** on the server(s); (2) business logic can be stored on the server(s) and **executed** on the client; (3) business logic can be stored and **executed**

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on the client; (4) some business logic can be stored and **executed** on the server(s) and some business logic can be stored and **executed** on the client; etc. Having the business logic stored on the server enables developers to...

...to client machines when changes to the business logic occur. If all the business logic **executes** on the server, then the application on the client will make requests to the server whenever it needs to **execute** a business function. This could increase network traffic, which may degrade application performance. On the other hand, having the business logic **execute** on the client, may require longer load times when the application is initially launched. However...

...and reliance on central data across many users. If the business logic is stored and **executed** on the client, software distribution options must be considered. Usually the most expensive option is...long-term flexibility. Processes that shift analysis/design techniques from functional, procedural decomposition to business **process modeling**. These techniques are then used to decompose the system into domain objects and processes. People...is to continue to be enhanced in subsequent phases of the project through the iteration **process**. Today's dilemma ... no easy answers, yet To realize an environment that enhances the productivity...nly by all components. An abstraction such as this forms the basis for distributing batch **workloads** in a number of useful ways. It also enhances the capability of the architecture to...

...What are some other considerations in developing a component-based batch architecture?

Because batch processing **executes** on a server and requires limited user interaction, many of the services used for on...

...of reports can be obtained on-line, lots of them are not useful or used, " **trigger** transactions" can simply become spawned sub-processes that run in the background, same for printing...the logic of the batch job sub-classes associated with the identified object is thereby **executed**. In one aspect, the data may include a name, a current status, messages encountered during...

...separately. In a fourth aspect, the logic of the batch job sub-classes may be **executed** by a scheduler.

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A set of logical operations may need to be initiated through...

...with a user to complete. Batch jobs are usually stored up during the day and **executed** during evening hours when the system load is typically lower. Once a batch job begins architecture. It is expected that the business components will **execute** in some environmental container that will provide many of the architectural services (like batch services...

...example. It also should provide some default behaviors including running the job and logic to **execute** before and after the run. Figure 56 illustrates a class diagram of the batch job...

...multiple processors, possibly distributed, to provide scalability. How, then, should one structure one's batch **workload** to facilitate a robust and scaleable system?

BUW

One of the primary techniques used to...

1/3,K/8 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784137

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DISTRIBUTED GARBAGE
COLLECTION IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION EN MATIERE DE RECUPERATION
D'ESPACE REPARTI DANS DES MOTIFS DE SERVICES D'ENVIRONNEMENT**

Patent Applicant/Assignee:

ANDERSEN CONSULTING LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6416 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:

HICKMAN Paul L (agent), Hickman Coleman & Hughes, LLP, P.O. Box 52037,
Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116729 A2 20010308 (WO 0116729)

Application: WO 2000US24238 20000831 (PCT/WO US0024238)

Priority Application: US 99386435 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150959

Fulltext Availability:

Detailed Description

Detailed Description

... a large number and variety of users to use the workflow system, and
thus to **execute** the
business process;
Integration of peripherals
The workflow system should support many different types of printers...

1/3,K/9 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784134

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CONSTANT CLASS COMPONENT
IN A BUSINESS LOGIC SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UN COMPOSANT DE CLASSE DE CONSTANTE
DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE LOGIQUE D'AFFAIRES**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

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2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116726 A2-A3 20010308 (WO 0116726)

Application: WO 2000US24188 20000831 (PCT/WO US0024188)

Priority Application: US 99387213 19990831
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150446

Fulltext Availability:
Detailed Description

Detailed Description
... a large number and variety of users to use the workflow system, and
thus to **execute** the
business process;
Integration of peripherals
The workflow system should support many different types of printers...

1/3,K/10 (Item 5 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00784131

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH
COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION
MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES
D'INFORMATIONS**

Patent Applicant/Assignee:

ANDERSEN CONSULTING LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:

HICKMAN Paul L (agent), Hickman Coleman & Hughes, LLP, P.O. Box 52037,
Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116723 A2 20010308 (WO 0116723)

Application: WO 2000US24083 20000831 (PCT/WO US0024083)

Priority Application: US 99386238 19990831

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150940

Fulltext Availability:
Detailed Description

Detailed Description
... animation, 3-D virtual reality, video and other multimedia content.
The tools use Internet standards, **work** on multiple platforms, and are
being supported by over 100 companies. The group's building...a large
number and variety of users to use the workflow system, and thus to
execute the

business process;

Integration of peripherals

The workflow system should support many different types of printers... reports that are distributed in a traditional manner, it can mean electronic messages or even **triggers** based on specific events.

Are cooperative applications present?

240

Workflow management is frequently required in... logic is stored and where the business logic is located when the application is being **executed**. There are many ways to distribute business logic: (1) business logic can be stored on the server(s) and **executed** on the server(s); (2) business logic can be stored on the server(s) and **executed** on the client; (3) business logic can be stored and **executed** on the client; (4) some business logic can be stored and **executed** on the server(s) and some business logic can be stored and **executed** on the client; etc.

Having the business logic stored on the server enables developers to...

...to client machines when changes to the business logic occur. If all the business logic **executes** on the server, then the application on the client will make requests to the server whenever it needs to **execute** a business function. This could increase network traffic, which may degrade application performance. On the other hand, having the business logic **execute** on the client, may require longer load times when the application is initially launched. However...

...reliance on central data across many users.

So If the business logic is stored and **executed** on the client, software distribution options must be considered. Usually the most expensive option is...

...logic is stored and where the business logic is located when the application is being **executed**. There are many ways to distribute business logic: (1) business logic can be stored on the server(s) and **executed** on the server(s); (2) business logic can be stored on the server(s) and **executed** on the client; (3) business logic can be stored and **executed** on the client; (4) some business logic can be stored and **executed** on the server(s) and some business logic can be stored and **executed** on the client; etc.

Having the business logic stored on the server enables developers to...

...to client machines when changes to the business logic occur. If all the business logic **executes** on the server, then the application on the client will make requests to the server whenever it needs to **execute** a business !5 function. This could increase network traffic, which may degrade application performance. On the other hand, having the business logic **execute** on the client, may require longer load times when the application is initially launched. However...

...reliance on central data across many users.

247

If the business logic is stored and **executed** on the client, software distribution options must be considered. Usually the most expensive option is...

1/3,K/11 (Item 6 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00784119

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A REFRESHABLE PROXY POOL IN
A COMMUNICATION ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE POUR GROUPE D'ELEMENTS MANDATAIRES (PROXY)

RAFRAICHISSABLES DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116668 A2-A3 20010308 (WO 0116668)

Application: WO 2000US24113 20000831 (PCT/WO US0024113)

Priority Application: US 99386239 19990831

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149976

Fulltext Availability:

Claims

Claim

... access to the workflow queues which are used to schedule work. In order to perform **workload** analysis or to create "to do lists" for users, an application may query these queues...logic is stored and where the business logic is located when the application is being **executed** . There ...to distribute business logic: (1) business logic can be stored on the server(s) and **executed** on the server(s); (2) business logic can be stored on the server(s) and **executed** on the client; (3) business logic can be stored and **executed** on the client; (4) some business logic can be stored and **executed** on the server(s) and some business logic can be stored and **executed** on the client; etc. Having the business logic stored on the server enables developers to...

...to client machines when changes to the business logic occur. If all the business logic **executes** on the server, then the application on the client will make requests to the server whenever it needs to **execute** a business function. This could increase network traffic, which may degrade application performance. On the other hand, having the business logic **execute** on the client, may require longer load times when the application is initially launched. However...

...reliance on central data across many users.

247

If the business logic is stored and **executed** on the client, software distribution Options must be considered. Usually the most expensive option is...

...logic is stored and where the business logic is located when the application is being **executed** . There are many ways to distribute business logic: (1) business logic can be stored on the server(s) and **executed** on the server(s); (2) business logic can be stored on the server(s) and **executed** on the client; (3) business logic can be stored and **executed**

248

on the client; (4) some business logic can be stored and **executed** on the server(s) and some business logic can be stored and **executed** on the client; etc. Having the business logic stored on the server enables developers to...

...to client machines when changes to the business logic occur. If all the business logic **executes** on the server, then the application on the client will make requests to the server whenever it needs to **execute** a business function. This could increase network traffic, which may degrade application performance. On the other hand, having the business logic **execute** on the client, may require longer load times when the application is initially launched. However...

...and reliance on central data across many users. If the business logic is stored and **executed** on the client, software distribution options must be considered. Usually the most expensive option is...long-term flexibility. Processes that shift analysis/design techniques from -functional, procedural decomposition to business **process modeling**. These techniques are then used to decompose the system into domain objects and processes. People...

1/3,K/12 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00777020

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN AN E-COMMERCE TECHNICAL ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

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(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box
52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109791 A2-A3 20010208 (WO 0109791)
Application: WO 2000US20547 20000728 (PCT/WO US0020547)
Priority Application: US 99364161 19990730

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136396

Fulltext Availability:

Detailed Description

Detailed Description

... the
present invention-,
Figure-101illustratestheCreateP
'ectCMPlanaccordingtoanembodimentofthepresent
rOJ
invention;
Figure 102 shows the Manage CM Repository **Process** Flow according to an
embodiment of the
present invention;
Figure 103 is a flow chart...

1/3,K/13 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00775305 **Image available**

A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING CAPABILITY LEVEL OF PROCESSES TO EVALUATE OPERATIONAL MATURITY IN AN ADMINISTRATION PROCESS AREA

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DE VERIFICATION D'UN PROCESSUS A MATURITE OPERATIONNELLE PAR DETERMINATION DU NIVEAU D'APTITUDE DANS UN DOMAINE DE PROCESSUS TRAITEMENT D'ADMINISTRATION UTILISATEUR

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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US (Residence), US (Nationality), (Designated only for: US)
WINN Colleen R, 11472 Fairfield Road #103, Minnetonka, MN 55305, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200108035 A2-A3 20010201 (WO 0108035)

Application: WO 2000US20238 20000726 (PCT/WO US0020238)

Priority Application: US 99360928 19990726

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 86405

Fulltext Availability:

Detailed Description

Detailed Description

... present invention;

Figure 6 is an illustration showing an over-view of the operational maturity **model** ; Figure 7 is an illustration showing a relationship of capability levels, process attributes, and generic...called libraries provided by the operating system to perform certain tasks, but basically the program **executed** down the page from start to finish, and the programmer was solely responsible for the...

...printing out paychecks, calculating a mathematical table, or solving other problems with a program that **executed** in just one way.

The development of graphical user interfaces began to turn this procedural...interactive content" to Web documents (e.g., simple animations, page adornments, basic games, etc.). Applets **execute** within a Java-compatible browser (e.g., Netscape Navigator) by copying code from the server...

1/3,K/14 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01810992 04-61983

TelCoW: Telework under the co-ordination of a workflow management system
Dangelmaier, Wilhelm; Kress, Stephan; Wenski, Rudiger
Information & Software Technology v41n6 PP: 341-353 Apr 25, 1999

ABSTRACT: A specific business **process model** is defined which is oriented for the modeling of decentralized structures especially for telework and the direct support by a workflow management system (**WFMS**). Compared to traditional WFMSs, the system is extended by a module for the planning and...

... of work is supported by means of a coordinator as a constituent part of the **WFMS** . It **executes** workflows which are provided by a certain method for modeling business processes to workflows. The...

1/3,K/15 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
(c) 2002 FIZ TECHNIK. All rts. reserv.

01516925 20010603186

Software project simulator for effective process improvement

Kusumoto, S; Mizuno, O; Kikuno, T; Hirayama, Y; Takagi, Y; Sakamoto, K
Graduate Sch. of Eng., Osaka Univ., J
Transactions of the Information Processing Society of Japan, v42, n3,
pp396-408, 2001

Document type: journal article Language: English
Record type: Abstract
ISSN: 0387-5806

ABSTRACT:

...software development process at OMRON Corporation. The model consists of a project model and a **process model** . The project model focuses on three key components: activity, product and developer of the project. The **process model** includes a set of activity models, each of which specifies design, coding, review, test, and...

...model can take the influence of human factors into account by introducing the concept of ' **workload** .' Next, we develop a simulator which supports description of the process and **executes** the process described by the activity model. As the result of its execution, we get...

1/3,K/16 (Item 2 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
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01307591 I99051430300

TelCoW: telework under the co-ordination of a workflow management system

Dangelmaier, W; Kress, S; Wenski, R
Heinz Nixford Inst., Paderborn Univ., D
Information and Software Technology, v41, n6, pp341-353, 1999

Document type: journal article Language: English
Record type: Abstract
ISSN: 0950-5849

ABSTRACT:

...that work in companies is normally co-operative work. For this co-operative work, business **process modeling** and workflow management is accepted as a supporting methodology. On the one hand this is...

...the support of co-operative telework is currently not possible. We define a specific business **process model** which is oriented for the modeling of decentralized structures especially for telework and the direct support by a workflow management system (**WFMS**). Compared to traditional WFMSs, our system is extended by a module for the planning and...

...work is supported by means of a co-ordinator as a constituent part of the **WFMS** . It **executes** workflows which are provided by a certain method for modeling business processes. This method already...

1/3,K/17 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6949522 INSPEC Abstract Number: C2001-07-6110B-033

Title: Software project simulator for effective process improvement

Author(s): Kusumoto, S.; Mizuno, O.; Kikuno, T.; Hirayama, Y.; Takagi, Y.; Sakamoto, K.

Author Affiliation: Graduate Sch. of Eng., Osaka Univ., Japan

Journal: Transactions of the Information Processing Society of Japan
vol.42, no.3 p.396-408

Publisher: Inf. Process. Soc. Japan,

Publication Date: March 2001 Country of Publication: Japan

CODEN: JSGRD5 ISSN: 0387-5806

SICI: 0387-5806(200103)42:3L.396:SPSE;1-I

Material Identity Number: T205-2001-006

Language: English

Subfile: C

Copyright 2001, IEE

...Abstract: software development process at OMRON Corporation. The model consists of a project model and a **process model**. The project model focuses on three key components: activity, product and developer of the project. The **process model** includes a set of activity models, each of which specifies design, coding, review, test, and...

... model can take the influence of human factors into account by introducing the concept of "**workload**." Next, we develop a simulator which supports description of the process and **executes** the process described by the activity model. As the result of its execution, we get...

1/3,K/18 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6359174 INSPEC Abstract Number: C1999-10-7104-018

Title: Conceptual workflow schemas

Author(s): Meyer-Wegener, K.; Bohm, M.

Author Affiliation: Fakultat Inf. Inst. BDR, Tech. Univ. Dresden, Germany

Conference Title: Proceedings Fourth IFCIS International Conference on Cooperative Information Systems. CoopIS 99 (Cat. No.PR00384) p.234-42

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1999 Country of Publication: USA xii+361 pp.

ISBN: 0 7695 0384 5 Material Identity Number: XX-1999-02439

U.S. Copyright Clearance Center Code: 0 7695 0384 5/99/\$10.00

Conference Title: Proceedings Fourth IFCIS International Conference on Cooperative Information Systems. CoopIS 99

Conference Sponsor: Int. Found. Cooperative Inf. Syst

Conference Date: 2-4 Sept. 1999 Conference Location: Edinburgh, UK

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: design of workflow schemas is to a large extent a manual process. Starting with business- **process models**, developers must make many decisions that are not supported by tools, to finally deliver a workflow schema that can be **executed** by a particular workflow management system (**WFMS**). This paper presents an approach that uses intermediate descriptions to make design decisions explicit, to...

... sequence, and to provide a definition of workflow schemas that is independent of a particular **WFMS**. Move specifically, a task-type structure is introduced to capture the so-called functional perspective...

...that it takes into account the specific model elements and functionality provided by a particular **WFMS**. This configuration is finally used to automatically generate a workflow schema skeleton in the individual

language of thus **WFMS** .

1/3,K/19 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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6254167 INSPEC Abstract Number: C1999-07-7104-001

Title: TelCoW: telework under the co-ordination of a workflow management system

Author(s): Dangelmaier, W.; Kress, S.; Wenski, R.

Author Affiliation: Heinz Nixford Inst., Paderborn Univ., Germany

Journal: Information and Software Technology vol.41, no.6 p.341-53

Publisher: Elsevier,

Publication Date: 25 April 1999 Country of Publication: Netherlands

CODEN: ISOTE7 ISSN: 0950-5849

SICI: 0950-5849(19990425)41:6L:341:TTUO;1-#

Material Identity Number: F335-1999-009

U.S. Copyright Clearance Center Code: 0950-5849/99/\$20.00

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: that work in companies is normally co-operative work. For this co-operative work, business **process modeling** and workflow management is accepted as a supporting methodology. On the one hand this is

... the support of co-operative telework is currently not possible. We define a specific business **process model** which is oriented for the modeling of decentralized structures especially for telework and the direct support by a workflow management system (**WFMS**). Compared to traditional WFMSs, our system is extended by a module for the planning and...

... work is supported by means of a co-ordinator as a constituent part of the **WFMS** . It **executes** workflows which are provided by a certain method for modeling business processes. This method already...

1/3,K/20 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5938284 INSPEC Abstract Number: C9807-0310F-017

Title: A new software project simulator based on generalized stochastic Petri-net

Author(s): Kusumoto, S.; Mizuno, O.; Kikuno, T.; Hirayama, Y.; Takagi, Y.; Sakamoto, K.

Author Affiliation: Graduate Sch. of Eng. Sci., Osaka Univ., Japan

Conference Title: Proceedings of the 1997 International Conference on Software Engineering, ICSE 97 p.293-302

Publisher: ACM, New York, NY, USA

Publication Date: 1997 Country of Publication: USA xviii+713 pp.

ISBN: 0 89791 914 9 Material Identity Number: XX97-01000

U.S. Copyright Clearance Center Code: 0 89791 914 9/97/05..\$3.50

Conference Title: Proceedings of International Conference on Software Engineering. ICSE 97

Conference Sponsor: ACM; IEEE

Conference Date: 17-23 May 1997 Conference Location: Boston, MA, USA

Language: English

Subfile: C

Copyright 1998, IEE

...Abstract: quality, cost and delivery date. The new model consists of a project model and a **process model** . The project model focuses on three key components: activity, product and development of the project. The **process model** includes a set of activity models, each of which specifies design, coding, review, test, and...

... model can take the influence of human factors into account by introducing the concept of " **workload** ". Next, they develop a simulator which supports description of the target process, **executes** the process described by the activity model and analyses the simulation results statistically. Then, they...

1/3,K/21 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5850127 INSPEC Abstract Number: C9804-7100-032

Title: "Soft" trigger modeling: a technique for incorporating intentionality into workflow specifications

Author(s): Kuechler, W.L., Jr.; Vaishnavi, V.; Patterson, C.

Author Affiliation: Div. of Accounting & Inf. Syst., Texas Univ., San Antonio, TX, USA

Conference Title: Proceedings of the Thirty-First Hawaii International Conference on System Sciences (Cat. No.98TB100216) Part vol.7 p.764-5 vol.7

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1998 Country of Publication: USA 7 vol. (xiv+689+ix+346+xi+470+xiv+581+xi+481+xiv+753+xvi+849) pp.

ISBN: 0 8186 8255 8 Material Identity Number: XX98-00245

U.S. Copyright Clearance Center Code: 1060-3425/98/\$10.00

Conference Title: Proceedings of the Thirty-First Hawaii International Conference on System Sciences

Conference Sponsor: Univ. Hawaii

Conference Date: 6-9 Jan. 1998 Conference Location: Kohala Coast, HI, USA

Language: English

Subfile: C

Copyright 1998, IEE

Abstract: Soft **trigger** modeling (STM) is both a **process model** and a knowledge explication method by which workflow management systems (**WFMS**) are reconceptualized from state- or event-based to knowledge-based. When multiple **WFMS** controlled by autonomous workgroups must interoperate, the utility of event-based **WFMS** models is limited, since unilateral changes in tasks frequently disrupt coordination between processes. Common business situations exhibiting the problem are outsourcing and virtual corporations. Conventional **trigger** modeling defines **triggers** in terms of fixed, predetermined events. STM extends **trigger** modeling by incorporating common domain knowledge and the intentionality of workgroups into the workflow specification...

... in task definition. In prior work the authors have set out the mechanisms by which **trigger** -based coordination can be automatically maintained following process modification, and the applicability of the Smart Object Model, a logic-object hybrid, for modeling **WFMS** . The foci of the paper are the knowledge elements of the **process model** , and an analysis method that populates the model.

1/3,K/22 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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1841527 H.W. WILSON RECORD NUMBER: BAST99026062

TelCoW: telework under the co-ordination of a workflow management system

Dangelmaier, Wilhelm; Kress, Stephan; Wenski, Rudiger

Information and Software Technology v. 41 no6 (Apr. 25 '99) p. 341-53

DOCUMENT TYPE: Feature Article ISSN: 0950-5849

...ABSTRACT: that work in companies is normally co-operative work. For this co-operative work, business **process modeling** and workflow management is accepted as a supporting methodology. On the one hand this is...

...and planning functionality for this purpose. In this paper, we will define a specific business **process model** which is oriented for the modeling of decentralized structures especially for telework and the direct support by a workflow management system (**WFMS**). Compared to traditional WFMSs, our system is extended by a module for the planning and...

...work is supported by means of a co-ordinator as a constituent part of the **WFMS** . It **executes** workflows which are provided by a certain method for modeling business processes. This method already...

1/3,K/23 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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08124425 SUPPLIER NUMBER: 17389671 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Plastics technology: manufacturing handbook & buyers' guide 1995/96. (Buyers Guide)
Plastics Technology, v41, n8, pCOV(941)
August, 1995
DOCUMENT TYPE: Buyers Guide ISSN: 0032-1257 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 174436 LINE COUNT: 15187

4/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784124

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A
TRANSACTION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION APPLIQUES DANS UN TRIEUR DE
REQUETES D'UN ENVIRONNEMENT DE STRUCTURES DE SERVICES DE TRANSACTIONS

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Priority Application: US 99386715 19990831

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FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150733

Fulltext Availability:

Detailed Description

Detailed Description

... the facility to pass messages between windows within one application.

This allows one window to **trigger** an event/action on another related
window.

Do multiple applications need to pass messages between...coordination,
distributed two-phase commit, database support, coordinated recovery
after failures, high availability, security, and **work load** balancing.
TP services may utilize Messaging services, which provide basic
interprocess communication.

Another category of...

4/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00736424 **Image available**

METHOD AND APPARATUS FOR AUTOMATED PERSONALIZATION AND PRESENTATION OF
WORKLOAD ASSIGNMENTS TO AGENTS WITHIN A MULTIMEDIA COMMUNICATION CENTER
PROCEDE ET APPAREIL DE PERSONNALISATION AUTOMATIQUE ET DE PRESENTATION DE
L'ATTRIBUTION DU VOLUME DE TRAVAIL AUX AGENTS DANS UN CENTRE DE
COMMUNICATION MULTIMEDIA

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Application: WO 2000US781 20000112 (PCT/WO US0000781)

Priority Application: US 99253277 19990219

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ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 36407

Fulltext Availability:

Claims

Claim

... the AWPM, while the identified agent is logged on, logs work activity
and completion, updates **workload**, and provides updates to data
repositories for work assigned and completed. I 0. The AWPM...system
interface

317

Figs 15

ustomer s omer

ustomer Custom

329

321 Specialized Threading Model (**STM**)

330 331

7

I tor

FSearch Function] rInteraction Mon

333

I UXL-Qq ed Data Notification...

...and, where practicable, search terms used)

WEST, STN

Search terms : mutimedia, call center, agents, rules, **workload**,
assignments, and monitoring

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category* Citation of document, with indication...

4/3,K/3 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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07989797 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**L-Soft Announces Products to be Shown at DECUS '99 Event; Premier E-mail
List Solution Provider to Demo LISTSERV(R) And LSMTTP(R) Software**

PR NEWSWIRE

October 29, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1031

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... delivering an incredible 100,000 messages per hour on a \$5,000.00
PC (real **workload** -- not artificial "lab traffic"). Nowadays, a \$2,500.00
Pentium II system will deliver 300...